

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: HIROI et al. (As Amended) Confirmation No. 1915  
Serial No.: 10/724,778  
Patent No.: 7,584,431  
Issue Date: September 1, 2009  
Filed: December 2, 2003  
For: COMMUNICATION SYSTEM AND TERMINAL UNITS  
CONNECTED THERETO

**REQUEST FOR CERTIFICATE OF CORRECTION**  
**APPLICANTS' MISTAKE (37 CFR §1.323)**

Director of the U.S. Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

November 13, 2009

Sir:

Enclosed is a completed Certificate of Correction form. Please issue a Certificate of Correction for the underscored material. The name of the first inventor was erroneously transposed on the Declaration resulting in the inventor's last name being shown as his first name. A Petition under 37 CFR 1.182 has been filed, on even date herewith, to correct USPTO records. No new matter is added.

Since the Certificate of Correction is necessitated by an error on the part of the Applicants, in accordance with 37 CFR §1.20(a), the appropriate fee accompanies this paper.

The Commissioner is hereby authorized to charge additional payment due or to credit any overpayment, to Deposit Account No. 50-4888.

Respectfully submitted,

/DONNA K. MASON/  
Donna K. Mason  
Registration No. 45,962

DKM/kah  
703-684-1470

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

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PATENT NO. : 7,584,431

APPLICATION NO.: 10/724,778

ISSUE DATE : September 1, 2009

INVENTOR(S) : Kazushige HIROI, Nobukazu KONDO, Tsutomu HARA, Tooru YOKOZAWA, Kazuchika OGAWARA, Masaya UMEMURA, Shinichiro OKAMURA

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**ON THE TITLE PAGE:**

Please correct Item (12) to read as follows:

(12) United States Patent

Kazushige Hiroi et al.

Please correct Item (75) to read as follows:

(75) Inventors: ~~Hirei Kazushige~~ Kazushige Hiroi, Machida (JP);  
 Nobukazu Kondo, Ebina (JP); Tsutomu  
 Hara, Yokohama (JP); Tooru Yokozawa,  
 Yokohama (JP); Kazuchika Ogiwara,  
 Fujisawa (JP); Masaya Umemura,  
 Yokosuka (JP); Shinichiro Okamura,  
 Yokohama (JP)

**MAILING ADDRESS OF SENDER (Please do not use customer number below):**

Brundidge & Stanger, P.C.  
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 Alexandria, VA 22314

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*